



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 69568/100

In re patent application of

Jeffrey W. EBERHARD et al

Group Art Unit: 2613

Serial No. 08/325,145

Examiner: G. Del Rosso

Filed: October 20, 1994

For: X-RAY COMPUTED TOMOGRAPHY (CT) SYSTEM FOR DETECTING
THIN OBJECTS

AMENDMENT AND REQUEST FOR RECONSIDERATION
UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed February 26, 1996,
please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A method to [help] ascertain the presence
[or absence] of an object in a three-dimensional volume
represented by a plurality of voxels, wherein the object is
smaller in at least one dimension than a linear dimension of the
voxels, the method comprising the steps of:

(a) radiation scanning the three-dimensional volume to
determine a property of each of a plurality of voxels
representing the three-dimensional volume;

(b) identifying voxels having similar values of said
property to identify a contiguous group of voxels having said
similar values using a contiguity evaluation process wherein, for
a given voxel, voxels in the same plane as the given voxel, and

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